326 rings, etc., which are customary in the country. The Bahutu and the Batwa use the same technique, but apparently the Batwa are the more adroit blacksmiths. In Urundi blacksmiths do not form a special guild, but in some families the craft is passed on from one generation to the other. Blacksmiths live [554] with the other Barundi, and because of their craft they are highly respected. They are professional craftsmen who sell [84] their merchandise, but as in Ruanda, they often also engage in agriculture on the side. [Fig. 17 appears here in the original text.]

325 The work shop (uruganda) is a small round hut, open on [348] all sides. In its center a hollow in the ground contains the [372] charcoal fire. Since blacksmiths need charcoal for their craft and since there are few trees in this country, they mostly have their huts not far from the remains of forests or the bushes along [438] the rivers. Charcoal from the peripheral mountains wrapped in long bundles of banana leaves is sold in the interior. Next to the fireplace there are bellows, either vessel or bowl bellows (umuvuba), shaped like a large, double wooden spoon, over each of whose ends a goatskin is stretched loosely (No. 2 of Plate 45). A wooden stick is tied to the center of each skin; it serves as a piston whose upward and downward movements press the air from the vessel into the end of the pipe. The blower stands or squats behind the bellows holding a piston in each hand which he alternately moves up and down quickly. The same type of bellows is used in Ruanda where it is also used for blowing the smelting furnaces. In Urundi (according to Stuhlmann's small map in No. 32a, p. 62), still another type is said to exist, the tube or bag bellows; yet I have not been able to find out anything about it. The more common vessel bellows just described is carved from a single block of wood and opens into a short, funnel-shaped clay pipe which is placed directly among the hot coals and keeps them glowing. From time to time water is sprinkled on the glowing pile of coal.

[85] On the other side of the fireplace there is a hard stone which serves as an anvil (Fig. 17). The piece of iron which is to be forged is pushed into the glowing coals with a wet, clamp-like piece of wood or with a pointed iron pin, and it is pulled

[Text continues on page 128]